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E. Leroux, F. Canavero, G. Vecchi

 December 1995 **Proceedings of the conference on European design automation**
**Publisher:** IEEE Computer Society Press

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### 2 [Modeling and simulation of high-frequency integrated circuits based on scattering parameters](#)

A. T. Yang, C. H. Chan, J. T. Yao, R. R. Daniels, J. P. Harrang

 June 1991 **Proceedings of the 28th conference on ACM/IEEE design automation**
**Publisher:** ACM Press

 Full text available: [pdf\(622.93 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

### 3 [Simulation methods for RF integrated circuits](#)

Ken Kundert

 November 1997 **Proceedings of the 1997 IEEE/ACM international conference on Computer-aided design**
**Publisher:** IEEE Computer Society

 Full text available: [pdf\(97.53 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)  
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The principles employed in the development of modern RF simulators are introduced and the various techniques currently in use, or expected to be in use in the next few years, are surveyed. Frequency and time domain techniques are presented and contrasted, as are steady state and envelope techniques and large and small signal techniques.

**Keywords:** RF integrated circuits, envelope techniques, integrated circuit modelling, modern RF simulators, simulation methods, small signal techniques, state techniques, time domain techniques

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